

Abstract

A system and method for facilitating interactions between two or more entities where the entities have different versions of a data type is provided. The system includes a data type identifier that can identify whether interacting entities have a mismatched resolvable data type and a data type resolver that can resolve the data types by employing features appearing in the different resolvable data types that are common between the data types. The system employs a resolvable data type that includes attributes, methods and metadata, where the metadata describes the resolvable data type, its attributes and/or its methods. The resolvable data type may be associated with a proxy. The resolvable data type may also be adapted to be incrementally extended on an as-needed basis.